

We claim:

1 1. A device for producing fibers of a thermoplastic
2 synthetic resin, comprising:

3 a nozzle body formed with at least one melt passage for
4 a molten thermoplastic synthetic resin and, at an outlet side of
5 said nozzle body with a multiplicity of bores communicating with
6 said passage; and

7 respective members shaped to fit into said bores and
8 received therein, each of said members defining at a periphery
9 thereof, in a region of contact with a wall of the respective
10 bore, at least one channel for said melt opening at a discharge
11 orifice.

1 2. The device defined in claim 1, further comprising a
2 compressed-air feed for directing compressed air at an acute
3 angle onto a thermoplastic synthetic resin strand emerging from
4 said orifice.

1 3. The device defined in claim 2 wherein said outlet
2 side of said nozzle body has a flat surface at which said bores
3 open.

1 4. The device defined in claim 3, further comprising
2 guide flanks formed along opposite edges of said surface and
3 extending generally perpendicular thereto.

1 5. The device defined in claim 3, further comprising
2 compressed-air passages opening at said surface.

1 6. The device defined in claim 5 wherein each of said
2 members is formed with at least one of said channels in the
3 periphery thereof.

1 7. The device defined in claim 6 wherein each of said
2 members is formed with a multiplicity of said channels in the
3 periphery thereof.

1 8. The device defined in claim 5 wherein each of said
2 members tapers over the length thereof.

1 9. The device defined in claim 8 wherein each of said
2 members is frustoconical in configuration.

1 10. The device defined in claim 5 wherein said nozzle
2 body has at least one row of said bores extending over a width of
3 the nozzle body.

1 11. The device defined in claim 5 wherein each of
2 said members is formed with at least one of said channels in the
3 periphery thereof.

1 12. The device defined in claim 6 wherein each of said
2 members is formed with a multiplicity of said channels in the
3 periphery thereof.

1 13. The device defined in claim 1 wherein each of said
2 members tapers over the length thereof.

1 14. The device defined in claim 13 wherein each of
2 said members is frustoconical in configuration.

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1 15. The device defined in claim 1 wherein said nozzle
2 body has at least one row of said bores extending over a width of
3 the nozzle body.